

Distribution News/Press Release

**Rutronik: Intelligent Power Modules with enhanced System Reliability  
from BYD**

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**Ispringen (Germany), June 19, 2013 – BYD presents the new IPM (Intelligent Power Modules) with high performance in a compact housing. They combine optimized circuit protection and drive matched to low-loss IGBT. They target low-power inverter-driven applications like air conditioner and washing machine. The modules are available at distributor Rutronik as of now.**

Thanks to the integrated under-voltage lock-out, single BOOST PFC circuit and over-current protection, the system reliability is further enhanced. Furthermore, each phase current of inverter can be monitored separately. By using DBC, the modules have a very low thermal resistance. They come with a three-phase IGBT inverter bridge including control ICs for gate driving and protection and with an isolation rating of 2500Vrms/min.

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**All product information stated in the current press release is based on the franchise situation in Germany. Country specific variations may therefore be possible.**

**About Rutronik ([www.rutronik.com](http://www.rutronik.com))**

Rutronik Elektronische Bauelemente GmbH is one of the leading broadline distributors for semiconductors, passive and electromechanical components in addition to storage, displays & boards and wireless products. The markets that the company primarily targets include automotive, medical, industrial, home appliance, energy and lighting. Rutronik also offers photovoltaic and lighting solutions from its subsidiary company Rusol. Wide-ranging services, competent support in the areas of product development and design, as well as individual logistics and supply chain management solutions round off its customer and future-orientated range of goods and services. The company,

established by Helmut Rudel in Ispringen/Germany in 1973, employs about 1,200 staff worldwide and achieved sales of EUR 793 million in fiscal year 2011.

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